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**TITLE OF THE INVENTION:**

Nectarine Tree 'S 6817'

**CROSS REFERENCE TO RELATED APPLICATIONS:**

10           None

**PRIORITY CLAIM:**

This application claims priority of U.S. Provisional patent application Ser. No. 60/404,173 filed August 15, 2002.

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**STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR  
DEVELOPMENT:**

None

20   **LATIN NAME OF THE GENUS AND SPECIES OF THE PLANT CLAIMED:**

*Prunus persica* L. Batsch.

**VARIETY DENOMINATION:**

'S 6817'

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS:**

The photograph shows the fruit of the new cultivar.

**5 DETAILED BOTANICAL DESCRIPTION OF THE VARIETY:**

The new nectarine tree 'S 6817' was developed as part of a controlled breeding program.

The new nectarine tree has been observed to remain true to type over successive asexually propagated generations.

**10 Tree**

Type                          Non-spur type

Vigor                        Strong

Habit                        Upright

**Flowering Branch**

15 Thickness                Medium

Length of internodes      Medium

Anthocyanin coloration    Present

Intensity of anthocyanin coloration    Medium

**20 Flowering Branch**

Abundance of flower buds    Many

Distribution of flower buds    Generally in groups of two or more

### Time of beginning of flowering      Medium

### Duration of flowering

## **Flower**

## 5 Shape Rosaceous

Calyx color (open flower before falling of petals) Orange

Petal size Medium

Petal color at full flowering Medium pink

Number of petals Five

10 Number of pistils Always one

## Leaves

## Time of leaf bud burstMedium

**Size** Large

15 Ratio length/width Medium

## Profile Upfolded

**Curvature of tip** Recurved downward

Angle at base      Nearly right angle

Angle at top                          Large

20 Anthocyanin coloration Absent

### Petiole

**Length** Long

Nectaries	Present
Shape of nectaries	Kidney-shaped
Number of nectaries	Normally more than two

## 5 Fruit

Size	Medium
Shape in profile view	Very flat
Shape of tip	Bowl shaped depressed
Symmetry when cut along suture	Asymmetric

## 10 Suture

Depth of petiole cavity	Shallow
Width of petiole cavity	Medium
Ground color of skin	Orange yellow
Extension of anthocyanin coloration of skin	Large

## 15 Pubescence

Thickness of skin	Thin
Adherence of skin	Absent or very weak
Firmness of flesh	Strong
General color of flesh	Yellow to orange yellow

## 20 Anthocyanin coloration directly under skin

Anthocyanin coloration of the flesh	Absent
Anthocyanin coloration around the stone	Present

Texture of the flesh      Not fibrous

Sugar content of flesh      Medium

**Stone**

5    Size compared to fruit      Small

Shape      Flat

Color      Dark

Likelihood of stone to split      Absent or very weak

Degree of adherence to flesh      Medium

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**Maturity**

Time of maturity      Late

Duration      Spread out

Preharvest drop      Some occurrence

15    Time of falling of leaves      Medium